ATTORNEY'S DOCKET NUMBER U. S. PATENT AND TRADEMARK OFFICE U.S. DEPARTMENT OF COMMERCE 21145YP TRANSMITTAL LETTER TO THE UNITED STATES U.S. APPLICATION NO. (If known, see 37 CFR 1.5) DESIGNATED/ELECTED OFFICE (DO/EO/US) 10/534291 **CONCERNING A FILING UNDER 35 U.S.C. 371** INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE PRIORITY DATE CLAIMED PCT/US03/35316 6 November 2003 12 November 2002 TITLE OF INVENTION PHENYLCARBOXAMIDE BETA-SECRETASE INHIBITORS FOR THE TREATMENT OF ALZHEIMER'S DISEASE APPLICANT(S) FOR DO/EO/US Craig A. Coburn, Shawn J. Stachel and Joseph P. Vacca Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371. This is an express request to begin national examination procedures [35 U.S.C. 371(f)]. The submission must include items (5), (6), (9) and (21) indicated below. The US has been elected (PCT Article 31). A copy of the International Application as filed [35 U.S.C. 371(c)(2)] a. I is attached hereto (required only if not communicated by the International Bureau). b. has been communicated by the International Bureau. c. X is not required, as the application was filed in the United States Receiving Office (RO/US). An English language translation of the International Application as filed [35 U.S.C. 371(c)(2)]. a. is attached hereto b. has been previously submitted under 35 U.S.C. 154(d)(4). Amendments to the claims of the International Application under PCT Article 19 [35 U.S.C. 371(c)(3)]. a. are attached hereto (required only if not communicated by the International Bureau). b. have been communicated by the International Bureau. c. have not been made; however, the time limit for making such amendments has NOT expired. d. have not been made and will not be made. An English language translation of the amendments to the claims under PCT Article 19 [35 U.S.C. 371(c)(3)]. An oath or declaration of the inventor(s) [35 U.S.C. 371(c)(4)]. An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 [35 U.S.C. 371(c)(5)].

Items 11 to 20 below concern other document(s) or information included: 11. An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. X A preliminary amendment. An Application Data Sheet under 37 CFR 1.76. A substitute specification. A power of attorney and/or change of address letter. 17. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825. A second copy of the published International Application under 35 U. A second copy of the published International Application under 35 U. A second copy of the published International Application under 35 U. A second copy of the published International Application under 35 U. A second copy of the published International Application under 35 U. A second copy of the published International Application under 35 U. A second copy of the published International Application under 35 U. A second copy of the published International Application under 35 U. A second copy of the published International Application under 35 U. A second copy of the published International Application under 35 U. A second copy of the published International Application under 35 U. A second copy of the published International Application under 35 U. A second copy of the published International Application under 35 U. A second copy of the published International Application under 35 U. A second copy of the published International Application under 35 U. A second copy of the International Application under 35 U. A second copy of the International Application under 35 U. A second copy of the International Application under 35 U. A second copy of the International Application under 35 U. A second copy of the International Application under 35 U. A second copy of the International Application under 35 U. A second copy of the International Application under 35 U. A second copy of the International Application under 35 U. A second copy of the International Application under 35 U. A second copy of the International Application under 35 U. A second copy of the International Application under 35 U. A second copy of the International Application under 35 U. A second copy of the International Application under 35 U. A second copy of the International Application under 35 U. A second copy of the International Application under 35 U. A second copy of the International Application under 35 U. A second copy of the Internation under 35 U. A second copy of the I A second copy of the English language translation of the interface Parallel EXPRESS MAIL NO. I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS 20. Under items or information: BEING DEPOSITED WITH THE UNITED STATES POSTAL ERVICE AS EXPRESS MAIL "POST OFFICE TO ADDRESSE ON THE ABOVE DATE IN AN ENVELOPE ADDRESSED TO COMMISSIONER FOR PATENTS, P.O. BOX 1450, ALEXANDRIA, VIRGINIA 223).3-1450.

Substitute for PTO-1390 (Rev. 02-2005) "Transmittal Letter to the United States Designated/Elected Office PO/EQ/US/Construction Under 1541 S.C. 2005

Approved for use through 3/31/2007. OMB 0651-0021 U.S. APPLICATION NO. (If known, see 37 CFR 1.5) INTERNATIONAL APPLICATION NO. ATTORNEY'S DOCKET NUMBER 21145YP PCT/US03/35316 CALCULATIONS PTO USE ONLY Basic national fee.....\$300 \$300.00 22. | Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions All other situations......\$200 \$200.00 23. X Search fee Search fee [37 CFR 1.445(a)(2)] has been paid on the international application to the USPTO as an International Searching Authority.......\$100 \$400.00 All other situations.....\$500 TOTAL OF 21, 22 and 23= \$900.00 Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. Number of each additional 50 or fraction **Total Sheets** Extra Sheets thereof (round up to a whole number) **RATE** 63 - 100 = /50 Х \$250.00 \$0.00 Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date [37 CFR 1.492(e)]. **CLAIMS NUMBER FILED** NUMBER EXTRA **RATE** \$0.00 Total Claims - 20 = X \$50.00 X Independent Claims \$0.00 - 3 = 0 \$200.00 \$360.00 MULTIPLE DEPENDENT CLAIM(S) (if applicable) TOTAL OF ABOVE CALCULATIONS (SUBTOTAL) \$900.00 Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)]. TOTAL NATIONAL FEE \$900.00 Fee for recording the enclosed assignment [37 CFR 1.21(h)]. The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property. TOTAL FEES ENCLOSED \$900.00 Amount to be refunded: Amount to be charged: A check in the amount of \$ _____ to cover the above fees is enclosed. Please charge my Deposit Account No. 13-2755 in the amount of \$900.00 to cover the above fees. b. A duplicate copy of this sheet is enclosed. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to the Deposit Account No. 13-2755. A duplicate copy of this sheet is enclosed. NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive [37 CFR 1.137(a) or (b)] must be filed and granted to restore the International Application to pending status. SEND ALL CORRESPONDENCE TO: Customer No. 000210 MERCK & CO., INC. Patent Department, RY60-30 P.O. Box 2000 126 East Lincoln Avenue Rahway, New Jersey 07065-0970 NAME DATE: May 9, 2005 PHONE #: (732) 594-0125 **REGISTRATION NUMBER**